



THE OIL FAMILY

SPECIFICATION SHEET

PRODUCT NAME: MANGO, BUTTER

PRODUCT INCI: MANGIFERA INDICA SEED BUTTER

PRODUCT CODE: K0280/K0624

CAS NUMBER: 90063-86-8

EINECS NUMBER: 290-045-4

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

SHELF LIFE: 24 MONTHS

| ANALYTICAL DETAILS | RANGE % |
|---|--------------------------|
| APPEARANCE | SOFT – SEMI SOLID BUTTER |
| COLOUR | OFF WHITE – PALE YELLOW |
| ODOUR | ODOURLESS |
| COLOUR (LOVIBOND 5.25" CELL) | ≤ 45Y/ ≤ 5R |
| FREE FATTY ACID (% AS OLEIC) | ≤ 0.3 |
| IODINE VALUE (G I ₂ /100G) | 38.0 – 48.0 |
| SAPONIFICATION VALUE (MG KOH/G) | 180.0 – 195.0 |
| UNSATURIFIABLE MATTER (%) | ≤ 2.0 |
| SLIP MELTING POINT (°C) | 30.0 – 40.0 |
| PEROXIDE VALUE (MEQ.O ₂ /KG) | ≤10.0 |

| FATTY ACID PROFILE | | RANGE % |
|--------------------|------------------|-------------|
| C-CHAIN | ACID NAME | |
| C16:0 | PALMITIC | 4.0 – 9.0 |
| C18:0 | STEARIC | 35.0 – 50.0 |
| C18:1 | OLEIC | 35.0 – 50.0 |
| C18:2 | LINOLEIC | 1.0 – 4.0 |
| C20:0 | ARACHIDIC | 2.0 – 6.0 |

| DATE | ISSUED BY | VERSION | REASON FOR UPDATE |
|------------|-----------|---------|------------------------------|
| 13/05/2024 | M.R-L | 2.2 | Added unit to Peroxide Value |

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with O&3 regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from O&3.

WWW.OAND3.COM